

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT FOR NEW OR RENEWAL OF
GENERAL PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
(MS4s)**

Input forms in Word format are
available via email.
terri.lemasters@illinois.gov
or by calling the Permit Section at
217/782-0610
See address for mailing on last page

For Office Use Only – Permit No. ILR400345

Part 1. General Information

1. MS4 Operator Name: CITY OF GRANITE CITY
2. MS4 Operator
Mailing Address: 100 NORTH RESEARCH DRIVE GRANITE CITY IL 62025
Street City State Zip
3. Operator Type:
- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> City | <input type="checkbox"/> Borough | <input type="checkbox"/> DOT/Highway Adm |
| <input type="checkbox"/> County | <input type="checkbox"/> Precinct | <input type="checkbox"/> Sewer District |
| <input type="checkbox"/> Parish | <input type="checkbox"/> Hospital | <input type="checkbox"/> Flood Control Dist |
| <input type="checkbox"/> Reservation | <input type="checkbox"/> Prison | <input type="checkbox"/> Drainage District |
| <input type="checkbox"/> Village | <input type="checkbox"/> Military Base | <input type="checkbox"/> Association |
| <input type="checkbox"/> Town | <input type="checkbox"/> Park | <input type="checkbox"/> Other (list) |
| <input type="checkbox"/> Township | <input type="checkbox"/> College/University | |
4. Operator Status ☐ Federal ☐ State ☐ County ☒ Local ☐ Other
5. Names(s) of Governmental Entity(ies) in which MS4 is located:
ILLINOIS DEPARTMENT
OF TRANSPORTATION MADISON COUNTY NAMEOKI TOWNSHIP
CHOUTEAU TOWNSHIP
6. Area of land that drains to your MS4 (in square miles): 10.75
7. Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
- Latitude: 38 41 0 Longitude: 90 9 0
DEG. MIN. SEC. DEG. MIN. SEC.
8. Names(s) of known receiving waters *Attach additional sheets (Attachment 1) as necessary:*
- | | |
|--------------------------------|-----------------------------|
| 1. <u>CHAIN OF ROCKS CANAL</u> | 2. <u>MISSISSIPPI RIVER</u> |
| 3. <u>LONG LAKE</u> | 4. <u>HORSESHOE LAKE</u> |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |

9. **Persons Responsible for Implementation/Coordination of Stormwater Management Program:**

<u>Name</u>	<u>Title</u>	<u>Telephone No.</u>	<u>Area of Responsibility</u>
<u>Richard Fancher</u>	<u>Public Works Director</u>	<u>618-452-6215</u>	<u>Oversee Phase II Program</u>
<u>Joe Juneau</u>	<u>City Engineer</u>	<u>618-877-1400</u>	<u>Oversee Phase II Program</u>
<u>Ron Keepes</u>	<u>City Engineer</u>	<u>618-659-0900</u>	<u>Oversee Phase II Program</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Part II. Best Management Practices (include shared responsibilities) which has been implemented in the MS4 Area in the Past 5 years or proposed to be implemented

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- ☒ A.1 Distributed Paper Material
- ☐ A.2 Speaking Engagement
- ☐ A.3 Public Service Announcement
- ☒ A.4 Community Event
- ☒ A.5 Classroom Education Material
- ☐ A.6 Other Public Education

B. Public Participation/Involvement

- ☐ B.1 Public Panel
- ☐ B.2 Educational Volunteer
- ☒ B.3 Stakeholder Meeting
- ☐ B.4 Public Hearing
- ☐ B.5 Volunteer Monitoring
- ☒ B.6 Program Coordination
- ☐ B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- ☒ C.1 Storm Sewer Map Preparation
- ☒ C.2 Regulatory Control Program
- ☐ C.3 Detection/Elimination Prioritization Plan
- ☐ C.4 Illicit Discharge Tracing Procedures
- ☒ C.5 Illicit Source Removal Procedures
- ☐ C.6 Program Evaluation and Assessment
- ☐ C.7 Visual Dry Weather Screening
- ☐ C.8 Pollutant Field Testing
- ☒ C.9 Public Notification
- ☐ C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

- ☒ D.1 Regulatory Control Program
- ☐ D.2 Erosion and Sediment Control BMPs
- ☐ D.3 Other Waste Control Program
- ☒ D.4 Site Plan Review Procedures
- ☒ D.5 Public Information Handling Procedures
- ☒ D.6 Site Inspection/Enforcement Procedures
- ☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- ☐ E.1 Community Control Strategy
- ☒ E.2 Regulatory Control Program
- ☐ E.3 Long Term O&M Procedures
- ☒ E.4 Pre-Construction Review of BMP Designs
- ☒ E.5 Site Inspections During Construction
- ☐ E.6 Post-Construction Inspections
- ☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

- ☒ F.1 Employee Training Program
- ☐ F.2 Inspection and Maintenance Program
- ☐ F.3 Municipal Operations Stormwater Control
- ☐ F.4 Municipal Operations Waste Disposal
- ☐ F.5 Flood Management/Assessment Guidelines
- ☒ F.6 Other Municipal Operations Controls

Part III. Qualifying Local Programs

(Describe any qualifying local programs that your MS4 has implemented or will propose to implement)

1. Public Education and Outreach:

Developed three educational stormwater brochures that were distributed in Years 1, 3, and 5 and last year (2008)

Participated in the County Fair sponsored booth

2. Public Participation/Involvement:

Participated in County sponsored programs, Adopt-A-Stream, Annual Stream Clean Day, and County Hotline

Benefited from the County issued Press Release and informational communications

Participated in Quarterly Co-Permittee group meetings

Participated in County sponsored household hazardous waste and tire collection events

Participated in paint recycling program

3. Illicit Discharge Detection and Elimination:

Sponsored an Inlet Stenciling Program to raise awareness of stormwater issues

Prepared Outfall Mapping for receiving streams to develop a database of access points

Adopted an ordinance to address illegal dumping

Madison County Planning & Development is designated to investigate illegal dumping activities

4. Construction Site Runoff Control:

Community participated in a County sponsored Stormwater Hotline to promote citizen communication of construction site runoff concerns

Attended co-sponsored training events targeted at Best Management Practices for development runoff issues

Worked with Madison County Soil and Water Conservation Department to coordinate inspections of construction sites

Participated in training events

5. Post-Construction Runoff Control:

Worked with the Madison County Soil and Water Conservation Department to coordinate inspections of construction sites

Community participated in a County sponsored Stormwater Hotline to promote citizen communication of construction site runoff concerns

6. Pollution Prevention/Good Housekeeping:

Attended annual training program for employees of Co-Permittee groups to discuss operations related task that potentially impact stormwater runoff

Developed written procedures for operations that potentially impact stormwater runoff. Operating procedures were reviewed and discussed during training events.

Part IV. Measurable Goals (include shared responsibilities) implemented in the past 5 years by the MS4. Also describe new goals proposed to be implemented by the MS4.

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1 Distributed Paper Materials

Brief Description of BMP: Madison County will develop revised educational stormwater brochures for distribution to County residents and Co-Permittee Communities. The method of distribution will be decided by each community. Participation in County Fair Booth will be sponsored by Madison County.

Measurable Goal(s), including frequencies: Keep stormwater brochures in a public location for residents. Estimate the number of informational tracts that are distributed. Promote the importance of public communication in Co-Permittee training events.

Milestones:

Year 1:	Develop revised brochures. Distribute brochures at County Fair
Year 2:	Promote the availability of brochures to local communities and develop a program for distribution in elementary school system
Year 3:	Distribute brochures at County Fair
Year 4:	Promote availability of brochures to local communities
Year 5:	Promote availability of brochures to local communities

BMP No. A-4 Community Event

Brief Description of BMP: Madison County will sponsor an annual booth at the County Fair. The purpose of the Booth is to distribute educational materials and gauge the awareness of stormwater issues.

Measurable Goal(s), including frequencies: Track the number of informational tracts distributed and provide a summary of public comments to the Madison County Stormwater Master Planning Committee.

Milestones:

Year 1:	Sponsor Booth at County Fair. Provide update to Master Planning Committee
Year 2:	Sponsor Booth at County Fair. Provide update to Master Planning Committee
Year 3:	Sponsor Booth at County Fair. Provide update to Master Planning Committee
Year 4:	Sponsor Booth at County Fair. Provide update to Master Planning Committee
Year 5:	Sponsor Booth at County Fair. Provide update to Master Planning Committee

BMP No. A-5 Classroom Education Material**Brief Description of BMP:**

Co-Permittee members will provide educational materials related to stormwater in local schools for distribution to students. The educational material will include issues to raise awareness of different types of stormwater pollutants. The material will also include types of green infrastructure and how these are a benefit for reducing stormwater pollution.

Measurable Goal(s), including frequencies:

Track the number of brochures and other materials handed out to the schools. Document this in the Annual Report.

Milestones:**Year 1:**

No specific Milestone

Year 2:

No specific Milestone

Year 3:

Distribute educational materials to schools.

Year 4:

Distribute educational materials to schools.

Year 5:

Distribute educational materials to schools.

BMP No. B-3 Stakeholder's Meeting- Annual Press Release**Brief Description of BMP:**

Participate in the Metro East Stormwater Committee Meetings to be sponsored by County. This is an existing organization for Madison and St. Clair Counties to discuss regional stormwater issues.

Measurable Goal(s), including frequencies:

Participation in monthly meeting formats

Milestones:**Year 1:**

No specific Milestone

Year 2:

Issue press release about the Committee and announce at Co-Permittee Meetings

Year 3:

No specific Milestone

Year 4:

No specific Milestone

Year 5:

Issue press release about the Committee and announce at Co-Permittee Meetings

BMP No. B-3 Stakeholder's Meeting- Coordinating Meetings and Annual Reports

Brief Description of BMP: A Co-Permittee Group of Madison County MS4 communities already exist. This group will continue to meet to share Best Management Practices, complete reports, and provide training.

Measurable Goal(s), including frequencies: Meet at selected frequencies to maintain compliance with reporting and training requirements.

Milestones: **Year 1:** Group will establish meeting frequency and complete training and reporting

Year 2: Group will establish meeting frequency and complete training and reporting

Year 3: Group will establish meeting frequency and complete training and reporting

Year 4: Group will establish meeting frequency and complete training and reporting

Year 5: Group will establish meeting frequency and complete training and reporting

BMP No. B-6 Program Coordination

Brief Description of BMP: Participate in three programs sponsored by the County, including Adopt-A-Stream, Annual Stream Clean-up Day, and Stormwater Hotline. Outfalls in targeted streams were mapped during the first permit cycle.

Measurable Goal(s), including frequencies: Track participation and include in annual report.

Milestones: **Year 1:** Communicate sponsored events. Include activity highlights in annual report.

Year 2: Communicate sponsored events. Include activity highlights in annual report

Year 3: Communicate sponsored events. Include activity highlights in annual report

Year 4: Communicate sponsored events. Include activity highlights in annual report

Year 5: Communicate sponsored events. Include activity highlights in annual report

BMP No. C-1 Storm Sewer Map Preparation

Brief Description of BMP: Community has completed mapping of outfall locations at receiving streams. During the next five years updates will be made to the Madison County Outfall Map. These updates will include expanding the survey network completed during the first five years. Maps have been distributed to Co-Permittee Communities. Communities will complete stream observations at overpasses annually.

Measurable Goal(s), including frequencies: Include mapping updates in scheduled Co-Permittee Meetings. Review data collected in the first permit cycle and communicate required updates.

Milestones:

Year 1:	Complete survey gaps in outfall mapping. Perform stream observations.
Year 2:	Incorporate map training in annual Operations Training agenda. Perform stream observations.
Year 3:	Provide updated maps to Co-Permittee member communities. Perform stream observations.
Year 4:	Review map completeness and update for revised or new outfalls. Perform stream observations.
Year 5:	Update map for new outfalls. Perform stream observations.

BMP No. C-2, 9 Regulatory Control Program

Brief Description of BMP: Develop a standardized Madison County ordinance to address illegal dumping, sanitary and septic system sewer sources, industrial sources, detection reporting, and enforcement procedures.

Measurable Goal(s), including frequencies: Develop a communication program to inform residents and businesses of prohibited activities. Incorporate into public communication brochures to be distributed in Year 2.

Milestones:

Year 1:	Develop a public communication brochure
Year 2:	Distribute communication brochure
Year 3:	Distribute communication brochure
Year 4:	Discuss illicit discharge ordinance compliance issues at a scheduled Co-Permittee Meeting.
Year 5:	Distribute communication brochure

BMP No. C-5 Inlet Stenciling

Brief Description of BMP: Complete Inlet Stenciling Program. A standard for inlet stencils has been provided by the County. Inlet markers have been placed on many structures during the first five years of the permit. Community will incorporate staff and volunteer organizations to promote visibility of the importance of stormwater quality.

Measurable Goal(s), including frequencies: Target completing the inlet stenciling program by Year 3.

Milestones:

Year 1:	Complete inlet stenciling
Year 2:	Complete inlet stenciling
Year 3:	No specific milestone
Year 4:	No specific milestone
Year 5:	Complete survey samples of inlet markers installed previously (up to 11 years) and assess condition.

BMP No. D-1, D-4, E-2, E-4 Site Plan and Pre- Construction Review Procedures

Brief Description of BMP: Madison County through the creation of a Stormwater Master Planning Committee (55 ILCS 5/5 1062.2) is working on ordinance updates that address construction site runoff issues. Target areas include erosion and sediment control, managing construction debris, and post construction runoff. Coordination with plan review, inspection, and enforcement procedures will be developed. Green infrastructure stormwater techniques will be incorporated where appropriate.

Measurable Goal(s), including frequencies: Distribute the model language to the County Co-Permittee Group during the first year and incorporate in community ordinance by year 5.

Milestones:

Year 1:	Distribute revised ordinances following Madison County Board approval
Year 2:	Initiate process to review ordinance language
Year 3:	No specific milestone
Year 4:	No specific milestone
Year 5:	Update language standardized in community ordinance

BMP No. D-5 Stormwater Hotline

Brief Description of BMP: Continue sponsorship of a Stormwater Hotline. Madison County will continue to maintain a hotline number to address public concerns related to stormwater issues.

Measurable Goal(s), including frequencies: The service is already in place. Tracking the number of calls will be completed to assess effectiveness in public communication.

Milestones: **Year 1:** Track and report number of calls

Year 2: Track and report number of calls

Year 3: Track and report number of calls

Year 4: Track and report number of calls

Year 5: Track and report number of calls

BMP No. D-6, E-5 Training for Construction Site Inspectors

Brief Description of BMP: Madison County will sponsor training courses for construction site inspectors. The training courses will address specific technical issues regarding construction site runoff, post development, and green infrastructure. It will also cover some non-technical requirements concerning enforcement issues. The training is intended to give the inspectors information they need to complete site inspections.

Measurable Goal(s), including frequencies: Sponsor training twice in the next five year cycle

Milestones: **Year 1:** Offer Inspector Training Program to Co-Permittee Group

Year 2: No specific milestone

Year 3: Offer Inspector Training Program to Co-Permittee Group

Year 4: No specific milestone

Year 5: No specific milestone

BMP No. F-1 Employee Training Program

Brief Description of BMP: Participate in an annual training program for employees whose job activities potentially impact stormwater runoff. Materials will be provided to representatives to share with other community employees. The training will focus on Best Management Practices and documentation requirements.

Measurable Goal(s), including frequencies: Implement annual training program

Milestones: **Year 1:** Conduct annual training program

Year 2: Conduct annual training program

Year 3: Conduct annual training program

Year 4: Conduct annual training program

Year 5: Conduct annual training program

BMP No. F-6 Other Municipal Operations Controls

Brief Description of BMP: Modify municipal operation written documentation as needed to incorporate Best Management Practices and specifically address fleet and road maintenance, storage and handling, salting, and ditch maintenance activities.

Measurable Goal(s), including frequencies: Review operating procedures on an annual basis.

Milestones: **Year 1:** Review operating procedures and modify as required

Year 2: Review operating procedures and modify as required

Year 3: Review operating procedures and modify as required

Year 4: Review operating procedures and modify as required

Year 5: Review operating procedures and modify as required

Part V. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Authorized Representative Name and Title

Signature

Date

Mayor

Ed Hagan

5/8/09

Mail completed form to:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

City of Granite City 303d Impaired Streams- 2008

Waterbody Name	Designated Use	Potential Cause(s)
Chain of Rocks Canal	Fish Consumption	Polychlorinated
Horseshoe Lake	Aesthetic Quality	Phosphorus (Total) (1), Total Suspended Solids (TSS)
	Aquatic Life	Heptachlor, pH (1), Phosphorus (Total) (1), Total Suspended Solids (TSS), Zinc
	Fish Consumption	Polychlorinated biphenyls
Mississippi River	Fish Consumption	Mercury, Polychlorinated biphenyls
	Public Water Supplies	Manganese
	Primary Contact Recreation	Fecal Coliform